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Amendment and Response

Serial No.: 09/772,598 Confirmation No.: 2967 Filed: January 30, 2001

For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF STAPHYLOCOCCUS AUREUS NAD

SYNTHETASE

41. (Amended) A crystal of Staphylococcus aureus nicotinamide adenine dinucleotide (S. aureus NAD) synthetase comprising atoms arranged in a spatial relationship represented by the structure coordinates listed in Table 1.



- 42. (Amended) A crystal of Staphylococcus aureus nicotinamide adenine dinucleotide (S. aureus NAD) synthetase having amino acid sequence SEQ ID NO:1.
- 43. (Amended) A crystal of Staphylococcus aureus nicotinamide adenine dinucleotide (S. aureus NAD) synthetase having amino acid sequence SEQ ID NO:1, with the proviso that at least one methionine is replaced with selenomethionine.